

WHAT IS CLAIMED IS:

1. A power control method for a mobile station in a mobile communication system, comprising the steps of:

5 at a power-off request of a mobile station user, sending a power-down registration request from the mobile station to a base station as many times as a specified maximum attempt sequence until receipt of a response from the base station; and

10 upon failure to receive the response from the base station even after the attempts to send the power-down registration request as many times as the specified maximum attempt sequence, resending the power-down registration request from the mobile station to the base station as many times as the specified maximum attempt sequence.

15 2. The power control method as claimed in claim 1, further comprising the step of performing a call processing process upon receipt of an incoming call during the resending step.

20 3. The power control method as claimed in claim 1, further comprising the step of powering off the mobile station upon one of the receipt of the response from the base station and resending the request for the specified maximum attempt sequence.

4. A power control method for a mobile terminal in a mobile communication system, comprising the steps of:

25 at a power-off request of a mobile station user, sending a power-down registration request from the mobile station to a base station as many times as a specified maximum attempt

sequence until receipt of a response from the base station;

upon failure to receive the response from the base station even after sending the power-down registration request as many times as the specified maximum attempt sequence, resending the power-down registration request operation as many times as a predetermined retry number;

5 and

upon receipt of a response from the base station during the resending, performing power-off of the mobile station.

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10 5. The power control method as claimed in claim 4, wherein the mobile station
waits for a predetermined time before the mobile station resends the power-down registration
request as many times as the maximum attempt sequence.

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12 6. The power control method as claimed in claim 4, further comprising the step of
performing a call processing process upon receipt of an incoming call during the resending step.

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14 7. The power control method as claimed in claim 4, wherein the predetermined
retry number is one of 2 and 3.

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16 8. The power control method as claimed in claim 5, wherein the predetermined
wait time is one of 1 and 2 seconds.

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18 9. A power control method for a mobile terminal in a mobile communication
system, comprising the steps of:

at a power-off request of a mobile station user, sending a power-down registration request from the mobile station to a base station as many times as a specified maximum attempt sequence until receipt of a response from the base station;

upon failure to receive the response from the base station even after sending the power-down registration request as many times as the specified maximum attempt sequence, resending the power-down registration request operation as many times as a predetermined retry number; and

upon failure to receive the response from the base station after the resending for the predetermined retry number, performing power-off of the mobile station.

10. The power control method as claimed in claim 9, wherein the mobile station waits for a predetermined time before the mobile station resends the power-down registration request as many times as the maximum attempt sequence.

11. The power control method as claimed in claim 9, further comprising the step of performing a call processing process upon receipt of an incoming call during the resending step.

12. The power control method as claimed in claim 9, wherein the predetermined retry number is one of 2 and 3.

13. The power control method as claimed in claim 10, wherein the predetermined wait time is one of 1 and 2 seconds.